

# Custom Q 'n' A Chatbot using Azure Language Service

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## Introduction:

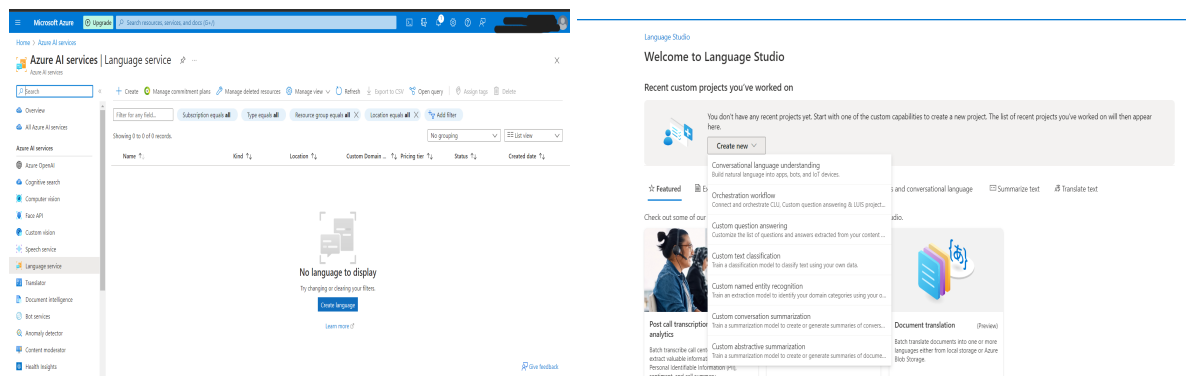
A chatbot is an AI-powered software application that simulates human-like conversations with actual humans through text or voice apps.

In this project I have created and configured custom Q 'n' A Chatbot using Language Service within Azure Cognitive Services.

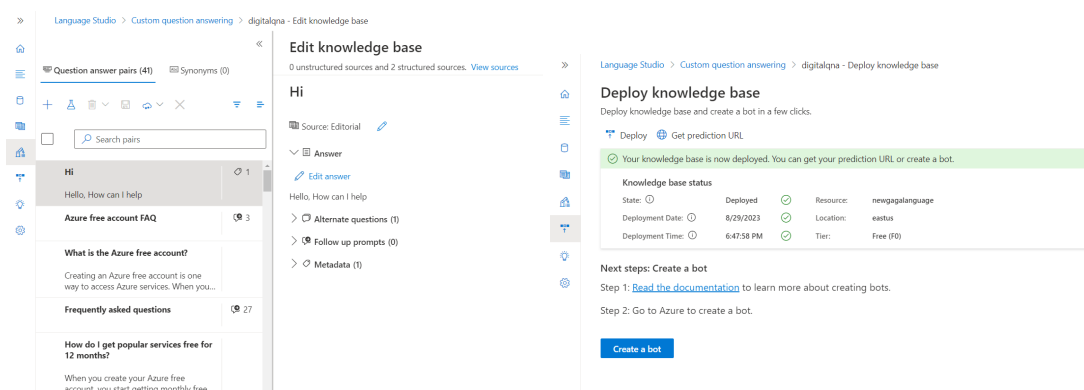
## Design and Architecture:

### Creation of Knowledge base and Bot

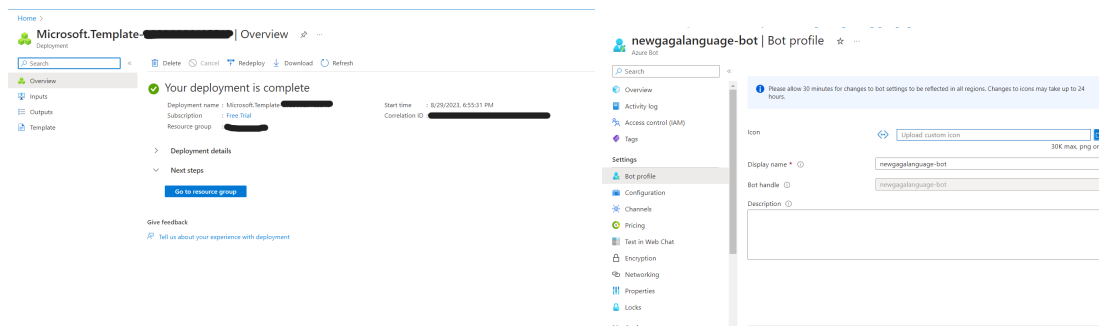
- Login to <https://portal.azure.com>.
- Navigate to Language service inside Azure AI service to create a Language.
- Create new Language.
- Navigate to Language studio and select custom question answering.



- Add source to knowledge base through URL's, Files or Chitchat.
- Deploy Knowledge base.
- Once the Knowledge base deployment is complete. Create a **Bot** with required details.

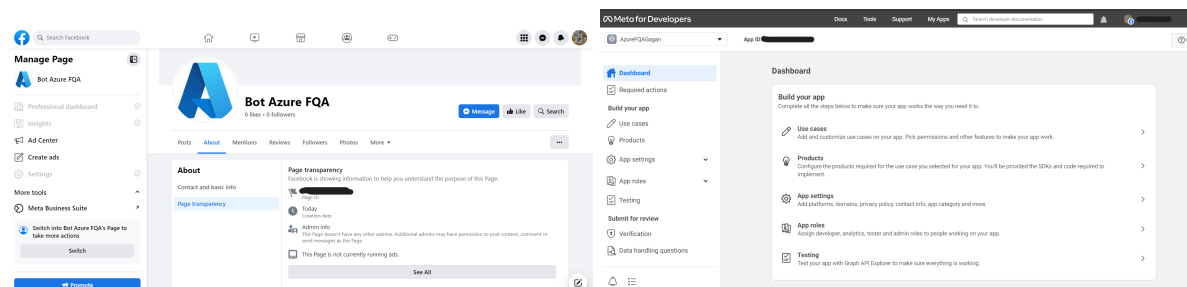


- Once Bot is deployed observe the details.



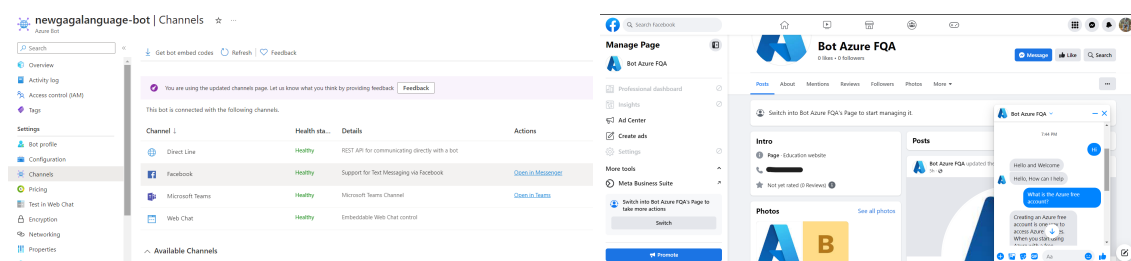
## Creation of Facebook page and App:

- Login to [www.facebook.com](https://www.facebook.com) and create a new Page.
- Login to <https://developers.facebook.com/> and create new App.



## Link Facebook and Bot:

- Add Page and App created in Facebook to Bot Channels in Azure Using App ID, App Secret, Page ID, Page Token.
- Now the Bot is ready to use.



Facebook Page name: Bot Azure FAQ

Facebook Page URL:

<https://www.facebook.com/profile.php?id=61550920343622&mibextid=2JQ9oc>

## Conclusion:

Chat Bot helps in the reduction of efforts that is spent in responding to repetitive questions from the end users. It can also be used to extract information from the data source that can be a document, a web page or other input.